

#24

REFERENCE

SITE NAME Cottage Grove LandfillSITE ID ILD980497747Population Count

Population: Dolton = 24,766

Population: Riverdale = 10,588

Ref. 22: p. 15

1 mile radius: 20% Dolton : (.20)(24,766) = 4953.2

29% Riverdale : (.02)(10,588) = 211.76

$$\text{Ref. 2} \quad 184 \text{ houses} \times 3.8 = 699.2$$

* Calculations for Housing Complex Population: (Ref. 23, p. 1)

162 bldgs.

w/ total of 1465 apartments

w/ total of 5,475 people

$$\frac{5475}{1465} = 3.74 \text{ people/apt.}$$

$$\frac{1465}{142} = 9.04 \text{ apts./bldg.}$$

$$(3.74)(9.04) = 33.81 \text{ people/bldg.}$$

$$162 \text{ bldgs. (Ref. 2)} \times 33.81 = \underline{\underline{5477.22}} \\ (\text{in 1 mile radius})$$

Total Population in 1 mi. radius =

$$4953.2 + 211.76 + 699.2 + 5477.2 = \boxed{11,341}$$

EPA Region 5 Records Ctr.



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